

ABSTRACT OF THE DISCLOSURE

AD A ~~imaging system and method~~. In one embodiment, an imager has an array of photodetectors, each of which accumulates charge during an integration period as a result of light detected during ~~said~~ ^{the} integration period, ~~said~~ ^{the} array having a charge capacity which increases during the integration period. A charge capacity controller coupled to ~~said~~ ^{the} imager adjusts how the imager increases the charge capacity of the array based upon the brightness distribution detected by ~~said~~ ^{the} imager during at least one previous integration period.